```
        RAW SEQUENCE LISTING              DATE: 10/29/2001
        PATENT APPLICATION:  US/09/848,185    TIME: 09:59:56

        Input Set : A:\DIVER1280-11.ST25.txt
        Output Set: N:\CRF3\10292001\I848185.raw
```

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 2 <110> APPLICANT: DIVERSA CORPORATION
 3       SHORT, Jay
 4       KELLER, Martin
 6 <120> TITLE OF INVENTION: HIGH THROUGHPUT SCREENING FOR NOVEL ENZYMES
 8 <130> FILE REFERENCE: DIVER1280-11
10 <140> CURRENT APPLICATION NUMBER: US 09/848,185
11 <141> CURRENT FILING DATE: 1999-04-09
13 <150> PRIOR APPLICATION NUMBER: US 09/636,778
14 <151> PRIOR FILING DATE: 2000-08-11
16 <150> PRIOR APPLICATION NUMBER: US 09/098,206
17 <151> PRIOR FILING DATE: 1998-06-16
19 <150> PRIOR APPLICATION NUMBER: US 08/876,276
20 <151> PRIOR FILING DATE: 1997-06-16
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: PatentIn version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 20
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Forward primer for PCR
34 <400> SEQUENCE: 1
35 agagtttgat cctggctcag                                          20
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 19
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Reverse primer for PCR
46 <400> SEQUENCE: 2
47 ggttaccttg ttacgactt                                           19
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C--> 11

ENTERED

VERIFICATION SUMMARY   DATE: 10/29/2001
PATENT APPLICATION: US/09/848,185   TIME: 09:59:57

Input Set : A:\DIVER1280-11.ST25.txt
Output Set: N:\CRF3\10292001\I848185.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Serial Number: *09/848195*　　　　　*0)90*　　CRF Processing Date: 10/29/01
　　　　　　　　　　　　　　　　　0920　　Edited by: *MH*
　　　　　　　　　　　　　　　　　　　　　　Verified by: _____

#3

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited we

ENTERED

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. I: applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at ☐ page numbers throughout text; ☐ other invalid text, such as_____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingl: due to a PatentIn bug). Sequences corrected: _____

☑ Other: Original output does not match diskette contents
Examined diskette. Reprocessed file.
　　　　　　　　　　　　　　　　　　M. Huyn
Original processing date 10/04/01 MH

*Examiner: The above corrections must be communicated to the applicant in the first O
Action. DO NOT send a copy of this form.